

REMARKS

Applicants, through the undersigned, wish to thank the Examiner for the courtesy and assistance extended on behalf of Applicants during a telephone interview conducted on July 13, 2005. During the telephone interview, the Examiner suggested that the claims be amended to define the mutation and the difference to be detected in order to distinguish the prior art methods.

Applicants have amended claims 1, 24, 33 and 35 to define the mutation and the difference being detected to be at an unknown location. Support for such amendment is found in the specification, e.g., on page 9, line 31 to page 10, line 1; page 12, line 1; and page 14, lines 16-20, for example. No new matter is introduced by this amendment.

As previously submitted, Kamb's method of detecting a mutation is limited to instances where prior knowledge of the mutation is available, particularly those at a known location previously reported to be associated with a disease. Therefore, Applicants respectfully submit that Kamb does not provide adequate teaching to serve as the primary prior art reference relative to the claimed invention.

During the telephone interview on July 13, 2005, the Examiner agreed that the amended claims distinguish the prior art of record.

Finally, Applicants will prepare and submit a computer-readable copy of the Sequence Listing, as requested by the Examiner during the interview.

Respectfully submitted,



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